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- (71) Applicant (for all designated States except US): JUBI-LANT ORGANOSYS LIMITED [IN/IN]; 1-A, Sector 16-A, Institutional Area,, Noida 201 301, Uttar Pradesh (IN).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): NARAHARI BABU, Ambati [IN/IN]; D. No: 1238, 3rd Cross, Gange Road, Kuvempunagar, Mysore 570 023, Karnataka (IN). SRINIVAS GOUD, Vuddamari [IN/IN]; D.No. 2166, 6th Cross, K Block, Kuvempunagar, Mysore 570 023, Karnataka (IN). GAONKAR, Santosh, Laxman [IN/IN]; Srisiddalinga Krupa, D.No. 3206, 19th Cross, R.P. Road, Nanjangud, Mysore 571 301, Karnataka (IN). MANJUNATHA, Sulur, G. [—/IN]; D. No. 491 A-B, Chitrabanu Road, Kuvempunagar, Mysore 570 023, Karnataka (IN). KULKARNI, Ashok, Krishna [IN/IN]; D.No. 1447, C & D Block, Sanje Ravi Road, Kuvempunagar, Mysore 570 023, Karnataka (IN).
- (74) Agents: SUBRAMANIAM, Hariharan et al.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi 110 048 (IN).
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(54) Title: ONE POT SYNTHESIS OF CITALOPRAM FROM 5-CYANOPHTHALIDE

(57) Abstract: A process for one pot synthesis of citalopram is disclosed. The process comprises subjecting 5-eyano phthalide to Grignard reduction followed cyclization and followed by C-alkylation reaction to obtain citalopram without isolation and purification of any intermediates. In another embodiment, 5-cyano phthalide is subjected to sequential Grignard reactions followed by cyclization to obtain citalopram without isolation and purification of any intermediate stages.



